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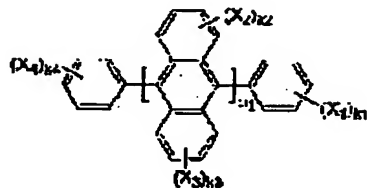
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(54) ORGANIC EL ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a molecule dispersion type organic EL element providing high efficiency and having a long service life by obtaining vinyl polymer having a 9,10-substituted anthracene structure having high solid quantum efficiency and being a stable structure.

SOLUTION: This organic EL element has an organic layer containing vinyl polymer obtained from vinyl monomer having a group derived from a structure expressed by formula (1). In formula (1), n1 is an integer of 1 to 3; X1, X2, X3 and X4 have a substituent, respectively; k1 and k4 are integers of 0 to 5; and k2 and k3 are integers of 0 to 4.



(1)

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